



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada  
Tel (613) 632-5200

D5581-4

Job Sheet 174170



Part No: D5581-4

Job Qty: 2 ea

Part Name: Clip, Aft, RH



Part Weight: 0 lbs

Status: Scheduled

Job Created: 3/12/18

Job Tracking No:

Due Date: 3/30/18

Created By: Michelle Gagnon-Donovan

Type: R+D

Description:

Note: TBD Dwg. D5581 Rev.A IPP Rev.A New issue 18/03/07 verified by:DP

Ship Via:

POSITIVE RECALL

EFFECTIVE 18.03.14 AUTH DA

RELEASED 9 DATE 18.3.22

9-89 Priority: Medium

## Bill of Materials

## Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off         |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|------------------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |                  |
| 90    | Start up Operation | 2 Ea  | 3/29/18    | 3/29/18  | 0.00      | 0.00    | Start Up Waterjet     |           | 52 18/03/18      |
| 100   | Waterjet           | 2 pcs | 3/29/18    | 3/29/18  | 0.00      | 0.17    | Waterjet1             |           | 54 18/03/18      |
| 110   | QC                 | 2 pcs | 3/29/18    | 3/29/18  | 0.00      | 0.00    | QC2 Waterjet-4        |           | 50 18/03/18      |
| 120   | QC                 | 2 pcs | 3/29/18    | 3/29/18  | 0.00      | 0.00    | QC8-6                 |           | 38               |
| 123   | Brake NC           | 2 pcs | 3/30/18    | 3/30/18  | 0.00      | 0.18    | Brake NC 2            |           | 88 26            |
| 125   | QC                 | 2 pcs | 3/30/18    | 3/30/18  | 0.00      | 0.00    | QC5                   |           | 9                |
| 130   | Outsource          | 2 pcs | 3/30/18    | 3/30/18  | 0.00      | 0.00    | Outsource4 P0039408   |           | 9-89 CT 18-03-23 |
| 140   | Packaging          | 2 pcs | 3/30/18    | 3/30/18  | 0.00      | 0.00    | Packaging2            |           | DAS              |
| 160   | QC                 | 2 pcs | 3/30/18    | 3/30/18  | 0.00      | 0.00    | QC6                   |           | 11               |
| 170   | Packaging          | 2 pcs | 3/30/18    | 3/30/18  | 0.00      | 0.00    | Packaging3 22         |           | 9-89 18/04/20    |
| 180   | QC21-SA            | 2 Ea  | 3/30/18    | 3/30/18  | 0.00      | 0.00    | QC21                  |           | 21               |

Part Op 100 - 1-Cut as per Dwg Dwg Rev: A Prog Rev: A 2-Deburr if necessary

Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB

120 - QC8- Inspect parts - second check

123 - Bend as per dwg.

130 - Issue P/O to ATG : 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5581 2- Prime Grey as per Dwg. Certification of Conformity is required.

140 - Certification of Conformity is required.

170 - Identify as per dwg &amp; Stock Location:

180 - QC21- Final Inspection - Work Order Release

## Job BOM

| Part / Item  | Component Name     | Quantity          | Operation             | Container |
|--------------|--------------------|-------------------|-----------------------|-----------|
| M2024T3S.063 | 2024-T3 .063 Sheet | .2200 sf (.11 ea) | 90-Start up Operation | 5029837   |

## Job Allocations

| Operation             | Component Part | Required | Inventory | Allocated |
|-----------------------|----------------|----------|-----------|-----------|
| 90-Start up Operation | M2024T3S.063   | 0        | 159       | 0         |

## Part Specifications

Specifications could not be found.

DATE: 03/13/18  
TIME: 14:00  
BY: [Signature]

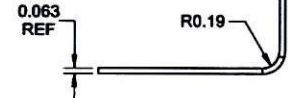
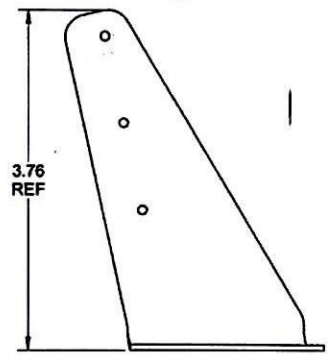
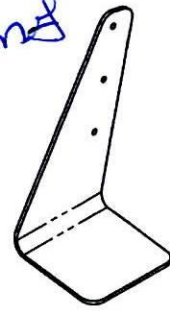
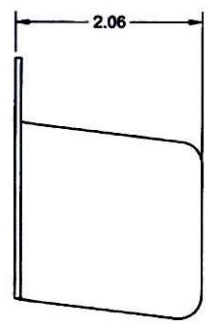
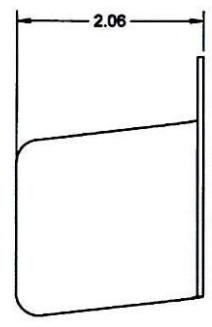
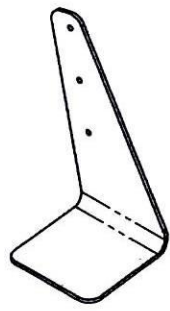
36



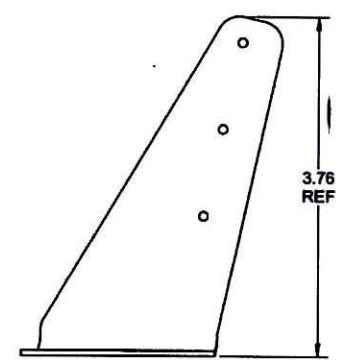
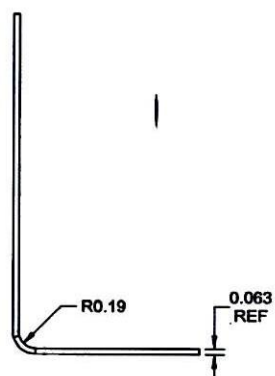
Date: 03/13/18

**DART**  
AEROSPACE  
Container No: S051014  
Part: D5581-4  
Job No: 174170  
Serial No/Batch: S051014  
Inspector:  
TEL: 1 813 632-8200  
Email: sales@dartaero.com  
www.dartaerospace.com  
1270 Aberdeen Street  
Hamlet, ON K6A 1K7  
CANADA  
Dart Aerospace Ltd.

SHOP COPY  
 RETURN TO  
 ENGINEERING  
 UNCONTROLLED COPY  
 SUBJECT TO AMENDMENT  
 WITHOUT NOTICE  
 WORK ORDER  
 NO. 174170  
 MAR 12 2018



**D5581-1 CLIP, FWD LH**



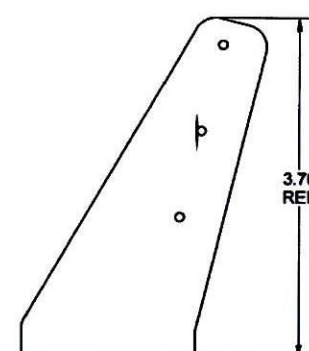
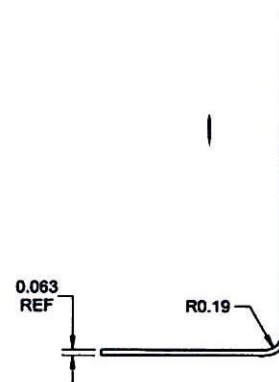
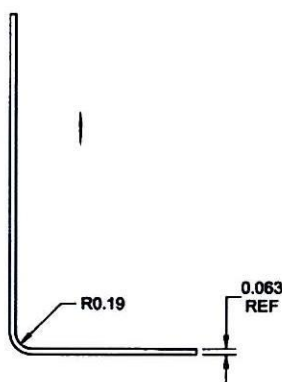
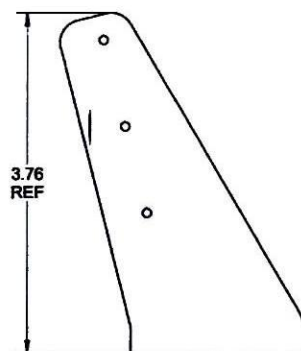
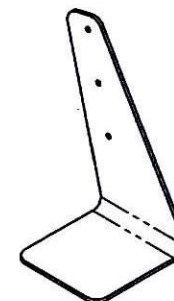
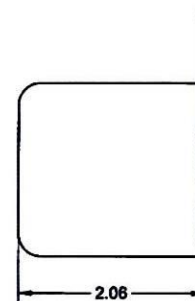
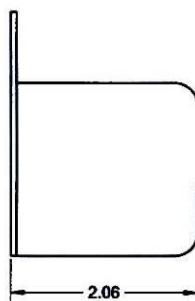
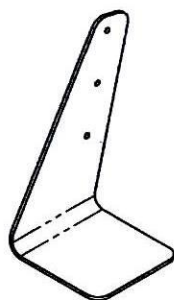
**D5581-2 CLIP FWD, RH**

- NOTES:
- 1) MATERIAL: MAKE FROM D5581-1F
  - 2) FINISH: ANODIZE PER MIL-A-8625, TYPE II, CLASS 2, COLOR = BLACK  
PRIME GREY PER QSI 005, 4.2.1.3.2
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044, 6.1
  - 7) WEIGHT: 0.06 lbs

RELEASED  
 2018 MAR 09  
 ECW 18-660

APPROVED

|                                                                                                                                                                                                                                                                                   |             |                                               |              |    |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------|--------------|----|----------|
| A                                                                                                                                                                                                                                                                                 |             | NEW ISSUE                                     |              | RF | 17.10.24 |
| REV.                                                                                                                                                                                                                                                                              | DESCRIPTION |                                               |              | BY | DATE     |
| DESIGN                                                                                                                                                                                                                                                                            | AJS         | <b>DART AEROSPACE USA, INC.</b><br>EUGENE, OR |              |    |          |
| DRAWN                                                                                                                                                                                                                                                                             | RF          |                                               |              |    |          |
| CHECKED                                                                                                                                                                                                                                                                           | VS          | DRAWING NO.                                   | REV. A       |    |          |
| MFG. APPR.                                                                                                                                                                                                                                                                        | JFS         | D5581                                         | SHEET 1 OF 3 |    |          |
| APPROVED                                                                                                                                                                                                                                                                          | HS          | TITLE                                         | SCALE        |    |          |
| DE APPR.                                                                                                                                                                                                                                                                          | CP          | CLIP                                          | NTS          |    |          |
| DATE                                                                                                                                                                                                                                                                              | 17.10.24    |                                               |              |    |          |
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**D5581-3 CLIP, AFT LH**

**D5581-4 CLIP, AFT RH**

**NOTES:**

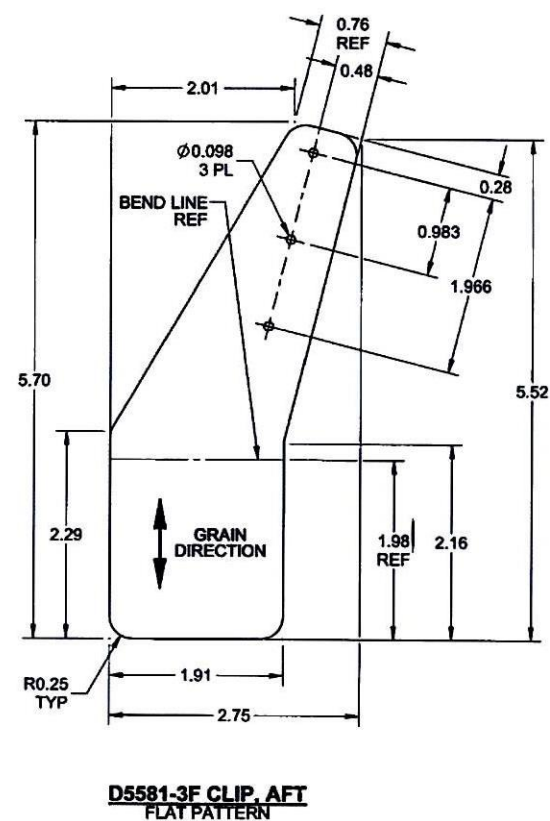
- 1) MATERIAL: MAKE FROM D5581-3F
- 2) FINISH: ANODIZE PER MIL-A-8625, TYPE II, CLASS 2, COLOR = BLACK  
PRIME GREY PER QSI 005, 4.2.1.3.2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044, 6.1
- 7) WEIGHT: 0.06 lbs

**RELEASED**  
2018 MAR 09

APPROVED

|            |          |                                                                                                                                                                                                                                                                                                     |              |
|------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESIGN     | AJS      | <b>DART AEROSPACE USA, INC.</b>                                                                                                                                                                                                                                                                     |              |
| DRAWN      | RF       | EUGENE, OR                                                                                                                                                                                                                                                                                          |              |
| CHECKED    | VS       | DRAWING NO.                                                                                                                                                                                                                                                                                         | REV. A       |
| MFG. APPR. | JFS      | D5581                                                                                                                                                                                                                                                                                               | SHEET 2 OF 3 |
| APPROVED   | HS       | TITLE                                                                                                                                                                                                                                                                                               | SCALE        |
| DE APPR.   | CP       | CLIP                                                                                                                                                                                                                                                                                                | NTS          |
| DATE       | 17.10.24 | <small>COPYRIGHT © 2017 BY DART AEROSPACE USA, INC.<br/>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS<br/>NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT<br/>WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small> |              |





2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: D5581-1F/3F = 0.06 lbs

**APPROVED**

|            |              |                                                                                                                                                                                                                                                                                                       |              |
|------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESIGN     | AJS          | <b>DART AEROSPACE USA, INC.</b>                                                                                                                                                                                                                                                                       |              |
| DRAWN      | RF           | <u>EUGENE, OR</u>                                                                                                                                                                                                                                                                                     |              |
| CHECKED    | VS           | DRAWING NO.                                                                                                                                                                                                                                                                                           | REV. A       |
| MFG. APPR. | JFS          | D5581                                                                                                                                                                                                                                                                                                 | SHEET 3 OF 3 |
| APPROVED   | HS           | TITLE                                                                                                                                                                                                                                                                                                 | SCALE        |
| DE APPR.   | CP <i>40</i> | CLIP                                                                                                                                                                                                                                                                                                  | NTS          |
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Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## PO039408

**Supplier:** ATG001-VC  
A.T.G. Industries Inc  
731 INDUSTRIELLE ROAD  
ROCKLAND  
ON  
K4K 1T2 Canada  
Phone: 613-446-4544  
Fax: 613-446-4556

**Attention:** Lalande, Marc-Andre

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** PO039408  
**PO Date:** 3/23/18  
**Due Date:** 4/20/18  
**Purchase Order Revision:**  
**Revision Date:**  
**Ship-To Contact:** Tsimiklis, ChrisoulaPhone:

**Via:** Ground  
**Pynt Terms:** Net 30  
**Freight Terms:**  
**Special Comments:**

### Items

| Line Item | Job    | Part    | Description                                                                                                                                                                                                    | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|----------------|-------------------|---------|------------------|----------------|
| 1         | 174171 | D5589-1 | Gusset, Outboard LH<br>Issue P/O to ATG : _____<br><br>1- Anodize Black per MIL-A-8625,<br>Type II, Class 2 as per Dwg. D5589<br><br>2- Prime Grey as per Dwg.<br><br>Certification of Conformity is required. | Firmed | 4/19/18  | 2 pcs          | 0 pcs             | 2 pcs   | \$12.35/pcs      | \$24.70        |
|           |        |         |                                                                                                                                                                                                                |        |          | 12x            |                   |         | At 18/04/17      |                |
| 2         | 174168 | D5581-2 | Clip, Fwd, RH<br>Issue P/O to ATG : _____<br><br>1- Anodize Black per MIL-A-8625,<br>Type II, Class 2 as per Dwg. D5581<br><br>2- Prime Grey as per Dwg.<br><br>Certification of Conformity is required.       | Firmed | 4/19/18  | 2 pcs          | 0 pcs             | 2 pcs   | \$11.50/pcs      | \$23.00        |
|           |        |         |                                                                                                                                                                                                                |        |          | 2x             |                   |         | At 18/04/17      |                |
| 3         | 173983 | D5583-1 | Radius Block<br>Issue P/O to ATG : _____<br><br>1- Anodize Black per MIL-A-8625,<br>Type II, Class 2 as per Dwg. D5583<br><br>2- Prime Grey as per Dwg.<br><br>Certification of Conformity is required.        | Firmed | 4/19/18  | 4 pcs          | 0 pcs             | 4 pcs   | \$8.85/pcs       | \$35.40        |
|           |        |         |                                                                                                                                                                                                                |        |          | 4x             |                   |         | At 18/04/17      |                |
| 4         | 174173 | D5590-1 | Gusset, Inboard LH<br>Issue P/O to ATG : _____<br><br>1- Anodize Black per MIL-A-8625,<br>Type II, Class 2 as per Dwg. D5590<br><br>2- Prime Grey as per Dwg.<br><br>Certification of Conformity is required.  | Firmed | 4/19/18  | 2 pcs          | 0 pcs             | 2 pcs   | \$12.35/pcs      | \$24.70        |
|           |        |         |                                                                                                                                                                                                                |        |          | 2x             |                   |         | At 18/04/17      |                |



| Items     |        |         |                                                                                                                                                                                                                 |        |          |                |                      |                             |                  |                |
|-----------|--------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|----------------|----------------------|-----------------------------|------------------|----------------|
| Line Item | Job    | Part    | Description                                                                                                                                                                                                     | Status | Due Date | Order Quantity | Received Quantity    | Balance                     | Unit Price (CAD) | Extended Price |
| 5         | 174170 | D5581-4 | Clip, Aft, RH<br>Issue P/O to ATG : _____<br><br>1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5581<br><br>2- Prime Grey as per Dwg.<br><br>Certification of Conformity is required.           | Firmed | 4/19/18  | 2 pcs          | 0 pcs<br><i>✓ 2x</i> | 2 pcs<br><i>AT 18/04/17</i> | \$11.50/pcs      | \$23.00        |
| 6         | 174167 | D5581-1 | Clip, Fwd, LH<br>Issue P/O to ATG : _____<br><br>1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5581<br><br>2- Prime Grey as per Dwg.<br><br>Certification of Conformity is required.           | Firmed | 4/19/18  | 2 pcs          | 0 pcs                | 2 pcs                       | \$11.50/pcs      | \$23.00        |
| 7         | 174169 | D5581-3 | Clip, Aft, LH<br>Issue P/O to ATG : _____<br><br>1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5581<br><br>2- Prime Grey as per Dwg.<br><br>Certification of Conformity is required.           | Firmed | 4/19/18  | 2 pcs          | 0 pcs                | 2 pcs                       | \$11.50/pcs      | \$23.00        |
| 8         | 174172 | D5589-2 | Gusset, Outboard RH<br>Issue P/O to ATG : _____<br><br>1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5589<br><br>2- Prime Grey as per Dwg.<br><br>Certification of Conformity is required.     | Firmed | 4/19/18  | 2 pcs          | 0 pcs                | 2 pcs                       | \$12.35/pcs      | \$24.70        |
| 9         | 174174 | D5590-2 | Gusset, Inboard RH<br>Issue P/O to ATG : _____<br><br>1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5590<br><br>2- Prime Grey as per Dwg.<br><br>Certification of Conformity is required.      | Firmed | 4/19/18  | 2 pcs          | 0 pcs                | 2 pcs                       | \$12.35/pcs      | \$24.70        |
| 10        | 171989 | D5572-2 | Base Bracket, Lower, Cable Cutter, RH<br>Issue P/O to ATG : _____<br><br>Black Anodize & Prime as per Dwg. D5572<br><br>Certification of Conformity is required.                                                | Firmed | 4/20/18  | 2 pcs          | 0 pcs<br><i>✓ 2x</i> | 2 pcs<br><i>AT 18/04/17</i> | \$26.90/pcs      | \$53.80        |
| 11        | 173988 | D5577-1 | U-Channel, Cable Cutter<br>Issue P/O to ATG : _____<br><br>1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5577<br><br>2- Prime Grey as per Dwg.<br><br>Certification of Conformity is required. | Firmed | 4/19/18  | 2 pcs          | 0 pcs                | 2 pcs                       | \$16.10/pcs      | \$32.20        |

DAS  
11  
9-89



A.T.G. Industries Inc.  
731 Industrielle Street  
Rockland, ON K4K 1T2  
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

## Pack List

Number: 914922

Date: 12-Apr-18

### To

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7

### Ship To

Chrisoula Tsimiklis  
Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

| Terms           |                                                                                                                                                                                                        | Ship Via  |                                |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------|
|                 |                                                                                                                                                                                                        | OUR TRUCK |                                |
| Quantity        | Description                                                                                                                                                                                            |           |                                |
|                 | Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.                                                        |           |                                |
| 2<br>ea         | Part: D5589-1<br>Gusset, Outboard LH<br>Hard Black Anodize per MIL-A-8625F, Type II, Class 2, .<br>Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005<br>Job: 22773 PO: PO039408       |           | Rev: A<br><br><br><br>Line: 1  |
| 4<br>ea         | Part: D5579-1<br>Center Clip, Cable Cutter<br>Hard Black Anodize per MIL-A-8625F, Type II, Class 2, .<br>Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005<br>Job: 22787 PO: PO039408 |           | Rev: A<br><br><br><br>Line: 15 |
| 4<br>ea         | Part: D5583-1<br>Radius Block<br>Hard Black Anodize per MIL-A-8625F, Type II, Class 2, .<br>Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005<br>Job: 22775 PO: PO039408              |           | Rev: A<br><br><br><br>Line: 3  |
| 2<br>ea         | Part: D5590-1<br>Gusset, Inboard LH<br>Hard Black Anodize per MIL-A-8625F, Type II, Class 2, .<br>Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005<br>Job: 22776 PO: PO039408        |           | Rev: A<br><br><br><br>Line: 4  |
| 2<br>ea         | Part: D5581-4<br>Clip, Aft. RH<br>Hard Black Anodize per MIL-A-8625F, Type II, Class 2, .<br>Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005<br>Job: 22777 PO: PO039408             |           | Rev: A<br><br><br><br>Line: 5  |
| 2<br>ea         | Part: D5590-2<br>Gusset, Intboard RH                                                                                                                                                                   |           | Rev: A                         |
| Made in Canada. |                                                                                                                                                                                                        |           |                                |

Made in Canada.





A.T.G. Industries Inc.  
731 Industrielle Street  
Rockland, ON K4K 1T2  
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

### Pack List

Number: 914922

Date: 12-Apr-18

#### To

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7

#### Ship To

Chrisoula Tsimiklis  
Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

| Terms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                  | Ship Via  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                  | OUR TRUCK |  |
| Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Description                                                                                                                                                      |           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Hard Black Anodize per MIL-A-8625F, Type II, Class 2, .<br>Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005<br>Job: 22781 PO: PO039408 Line: 9 |           |  |
| <p>CERTIFICATE OF CONFORMANCE<br/>A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements.</p> <p>Date: <u>12/04/2018</u></p> <p>Certified Signature: <u>[Signature]</u></p> <p>Receiver Signature: _____</p> <p>A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.</p> <p>Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.</p> |                                                                                                                                                                  |           |  |
| Made in Canada.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                  |           |  |





Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (813) 832-5200

## Purchasing Receipts

| PO No    | Supplier  | Line Item No | Rel No | Terms  | Purchased Item     | Description                                                                                                                   | For Part No | Project | Equipment ID | Order Qty | Due Date | Received Quantity | Accounting Job No | Serial No | Status | Receive Date | Price/Unit    | Aging Days | Past Due | Total      | Supplier Name        |  |
|----------|-----------|--------------|--------|--------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------|---------|--------------|-----------|----------|-------------------|-------------------|-----------|--------|--------------|---------------|------------|----------|------------|----------------------|--|
| PO038707 | ACI001-VC | 2            | 1      | Net 30 | M2024T3S.063       | 2024-T3 .063 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf |             |         |              | 336       | 1/3/2018 | 336               |                   | 8028837   | Stock  | 1/5/2018     | \$ 8.79 / sf  | 28         |          | \$2,954.55 | Acier Ouellette Inc. |  |
|          |           | 3            |        |        | M4140NB2.500X3.000 | 4140 Steel Bar 2.500 X 3.000 AISI 4140N STEEL BAR PER MIL-S-5626, AMS 6382, AMS 6340, AMS 6529 receive fl                     |             |         |              | 6         |          | 6                 |                   | 8028838   | Stock  | 1/5/2018     | \$ 79.17 / ft | 28         |          | \$475.00   | Acier Ouellette Inc. |  |
| Total:   |           |              |        |        |                    |                                                                                                                               |             |         |              | 342       |          | 342               |                   |           |        |              |               |            |          |            | \$2,786.75           |  |

Plex 22/2018 11:17 AM Dart.Baker.Dane

**ACIER OUELLETTE INC.**

935, Boul. du Havre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

**Order - Sales****Copy**

C000068124

**Billed to**

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

**Shipped to**

, Ontario,  
Att : CHANTAL LAVOIE Tél.: 613-632-5200

**Delivery Route** 5**Customer N°**

CL10001056

**Date**

2017/12/21

**Delivery date****2018/01/04****Your order N°****38707****Processed by**

Josianne Bourdon

**Salesman****Carrier**

OUELLETTE VALLEYFIELD

**Credit Terme**

Net 30 Days

**Page**

1

| Product Description                                                                                                                        | Weight | Qty    | U/M       | PCS NB |     |     | Internal Use Only |   |   |   |     |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-----------|--------|-----|-----|-------------------|---|---|---|-----|
|                                                                                                                                            |        |        |           | CMD    | EXP | B/O | IN                | I | S | C | OUT |
| 1 ALU SHEET .064 (14G) 2024-T3 (4 X 12)<br>FEAL-0644122024 3166<br>7 X 4' X 12' HEAT: 24313885 / 527<br>AC12443-SA-03/01                   | 302.74 | 336.00 | PI2_\$CLB | 7.00   |     |     |                   |   |   |   |     |
| 2 PLATE 4140 HT 2 1/2 NS<br>P4140-212H 8795<br>1 X 3" X 72" HEAT: 296490<br>AC12445-FU-03/01<br>SURCHARGE ENERGETIQUE<br>FRAIS_ENERGETIQUE | 153.15 | 1.50   | PI2_\$CLB | 1.00   |     |     |                   |   |   |   |     |
|                                                                                                                                            |        |        | \$        | 0.00   |     |     |                   |   |   |   |     |

**Total Weight (LBS) :** 455.89

NIR : R-109516-6

**Conditions :**

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

|   |   |   |
|---|---|---|
| Y | M | D |
|   |   |   |

**Total (\$CAD)**

3 879.86

**Deposit**

0.00

**Balance**

3 879.86

# KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215

Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4482963

|                                 |                           |                        |                                    |                                             |                                       |
|---------------------------------|---------------------------|------------------------|------------------------------------|---------------------------------------------|---------------------------------------|
| CUSTOMER PO NUMBER:<br>C74796-2 | WORK PACKAGE:             | CUSTOMER PART NUMBER:  | SHIP RUN/LOAD:<br>104079/25        | GOV'T CONTRACT NUMBER:                      |                                       |
| KAISER ORDER NO:<br>1244537-2   | SHIP DATE:<br>24-OCT-2017 | ALLOY:<br>2024         | CLAD:<br>BARE                      | TEMPER:<br>T3                               | PRODUCT DESCRIPTION:<br>HT Flat Sheet |
| WEIGHT SHIPPED:<br>3259 LB      | QUANTITY:<br>74 PCS EST.  | TRUCK BL #:<br>2069706 | GUAGE:<br>0.0630 IN<br>(1.6002 MM) | DIAMETER/WIDTH:<br>48.000 IN<br>(1219.2 MM) | LENGTH:<br>144.000 IN<br>(3657.6 MM)  |

MHU 2153170: LOT/243138B5: 74 pieces: 0724468

### Certified Specifications

✓ AMS 4037/RevQ  
CMMP 019/RevD

✓ AMS-QQ-A-250/4/RevB  
✓ CMMP 025/RevV

✓ ASTM B 209/Rev14

Test Code: 1504

Lot: 243138B5

Cast 527

Drop 73

Test Results  
Ingot 2

Melted in USA

(ASTM E8/B557)  
(EN 2002-1)

| Tensile: | Temper | Dir / # Tests    | Ultimate KSI (MPA)         | Yield KSI (MPA)            | Elongation % |
|----------|--------|------------------|----------------------------|----------------------------|--------------|
|          | T3     | LT / 2 (Min:Max) | 65.0 : 65.1<br>(448 : 449) | 43.3 : 43.6<br>(299 : 301) | 18.9 : 19.1  |

(ASTM E1251)

| Chemistry:  | SI   | FE   | CU  | MN   | MG  | CR   | ZN   | TI   | V    | ZR   | OTHER    |
|-------------|------|------|-----|------|-----|------|------|------|------|------|----------|
| Actual(wt%) | 0.07 | 0.17 | 4.6 | 0.57 | 1.3 | 0.01 | 0.15 | 0.02 | 0.02 | 0.00 | TOT 0.02 |

### ALLOY LIMITS

|          | SI   | FE   | CU  | MN   | MG  | CR   | ZN   | TI   | V    | ZR   | OTHER | MAX  |
|----------|------|------|-----|------|-----|------|------|------|------|------|-------|------|
| 2024     |      |      |     |      |     |      |      |      |      |      |       |      |
| MIN(wt%) | 0.00 | 0.00 | 3.8 | 0.30 | 1.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | EACH  | 0.05 |
| MAX(wt%) | 0.50 | 0.50 | 4.9 | 0.9  | 1.8 | 0.10 | 0.25 | 0.15 | 0.05 | 0.05 | TOT   | 0.15 |

Aluminum Remainder



# KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4482963

### CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- \* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- \* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- \* has been thermally processed in compliance with AMS 2772, where applicable.
- \* is mercury free, within the limits of detection of ASTM E1215 (< 1ppm).
- \* is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- \* is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- \* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
- \* is free of weld repair.
- \* meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.



JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M2024T35.063  
 DATE: JAN 08 2018

PO / BATCH NO.: 5029887/038707

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 336  
 QUANTITY INSPECTED: 336  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .063  
 THICKNESS RECEIVED: .063  
 SHEET SIZE ORDERED: 4x12  
 SHEET SIZE RECEIVED: 4x12

| DESCRIPTION                                        | NCR<br>(Check<br>Y/N) | COMMENTS              |
|----------------------------------------------------|-----------------------|-----------------------|
| SURFACE DAMAGE                                     | Y (N)                 |                       |
| CORRECT FINISH                                     | (Y) N                 |                       |
| CORROSION                                          | Y (N)                 |                       |
| CORRECT GRAIN DIRECTION                            | (Y) N                 |                       |
| CORRECT MATERIAL PER M-DRAWING                     | (Y) N                 | CG-A-250/4            |
| CORRECT THICKNESS                                  | (Y) N                 |                       |
| PHOTO REQUIRED                                     | Y (N)                 |                       |
| CORRECT REF # TO LINK CERT                         | (Y) N                 | Heat # 24313805 / 527 |
| CORRECT MATERIAL IDENTIFICATION                    | (Y) N                 |                       |
| CORRECT M# ON THE MATERIAL                         | (Y) N                 |                       |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y (N)                 |                       |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y (N)                 |                       |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.<br>RECORD RESULTS BELOW |     |     |       |       |         |
|------------------------------------------------------------------------------------|-----|-----|-------|-------|---------|
|                                                                                    | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL                                                                   |     |     |       |       |         |
| SIZE OF TEST SAMPLE                                                                |     |     |       |       |         |
| HARDNESS / DUROMETER READING                                                       |     |     |       |       |         |

*testers located in the Quality Office*

|                                  |                                          |
|----------------------------------|------------------------------------------|
| <b>QC 18 INSPECTION</b>          | <b>ENGINEERING SIGNOFF (if required)</b> |
| INSPECTED BY: <u>[Signature]</u> | SIGNED OFF BY: _____                     |
| DATE: <u>JAN 08 2018</u>         | DATE: _____                              |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

## SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 2024-T3 ALUMINUM SHEET

SPECIFICATION: QQ-A-250/4 OR AMS-QQ-A-250/4  
OR AMS-4037  
OR ASTM B209

PART NUMBER: M2024T3S.XXX  
THK

WHERE "XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M2024T3S.063

PREFERRED SIZE: .XXX BY 4FT BY 10FT

**RELEASED**  
2009-08-03  
*WJ*

|            |                                                         |                                                                                                                                                                                                                                                             |              |
|------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| B          | REFORMAT DWG. ADD ASTM B209 SPEC (ZN D8-1), PAR 09-020A | CP                                                                                                                                                                                                                                                          | 09.07.07     |
| A          | NEW ISSUE                                               | DS                                                                                                                                                                                                                                                          | 01.09.24     |
| REV.       | DESCRIPTION                                             | BY                                                                                                                                                                                                                                                          | DATE         |
| DESIGN     | <i>[Signature]</i>                                      | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                    |              |
| DRAWN      | <i>[Signature]</i>                                      | DRAWING NO                                                                                                                                                                                                                                                  | REV. B       |
| CHECKED    | <i>[Signature]</i>                                      | M2024T3S                                                                                                                                                                                                                                                    | SHEET 1 OF 1 |
| MFG. APPR. | <i>[Signature]</i>                                      | TITLE                                                                                                                                                                                                                                                       | SCALE        |
| APPROVED   | <i>[Signature]</i>                                      | 2024-T3 SHEET SPEC                                                                                                                                                                                                                                          | NTS          |
| DE APPR.   | <i>[Signature]</i>                                      | COPYRIGHT © 2009 BY DART AEROSPACE LTD                                                                                                                                                                                                                      |              |
| DATE       | 09.07.07                                                | ALL DOCUMENTS IN PRINT OR ELECTRONIC FORM ARE THE PROPERTY OF DART AEROSPACE LTD. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD. |              |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO038707**

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO038707

**PO Date:** 12/21/17

**Due Date:** 1/3/18

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

**E-MAILED**  
DEC 21 2017

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:** quote no. sou0077655,sou0077553

## Items

| Line Item | Part               | Supplier Part No | Description                                                                                                                                  | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|----------------|-------------------|---------|------------------|----------------|
| 1         | M4130NR0.375       |                  | 4130 Steel Round Bar .375"<br>: MATERIAL:<br>AISI 4130N<br>ROUND BAR<br>AS PER MIL-S-6758 OR AMS 6348/6370/6528<br>receive ft                | Firmed | 1/3/18   | 24 ft          | 0 ft              | 24 ft   | \$21.50/ft       | \$516.00       |
| 2         | M2024T3S.063       |                  | 2024-T3 .063 Sheet<br>: MATERIAL:<br>2024-T3<br>ALUMINUM<br>SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209<br>receive sf | Firmed | 1/3/18   | 336 sf         | 0 sf              | 336 sf  | \$8.7933035/sf   | \$2,954.55     |
| 3         | M4140NB2.500X3.000 |                  | 4140 Steel Bar 2.500 X 3.000<br>: AISI 4140N<br>STEEL BAR<br>PER MIL-S-5626, AMS 6382, AMS 6349, AMS 6529<br>receive ft                      | Firmed | 1/3/18   | 6 ft           | 0 ft              | 6 ft    | \$79.16666/ft    | \$475.00       |

Line Item Note 4140 plate heat treat acceptable

| Items        |                    |                  |                                                                                                 |        |          |                |                   |         |                  |                |
|--------------|--------------------|------------------|-------------------------------------------------------------------------------------------------|--------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item    | Part               | Supplier Part No | Description                                                                                     | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 4            | M17-4-H1150-R3.000 |                  | 17-4 H1150<br>Round Bar<br>3.000"<br>: MATERIAL:<br>17-4 PH<br>CONDITION<br>H1150<br>receive ft | Firmed | 1/19/18  | 12 ft          | 0 ft              | 12 ft   | \$148.16666/ft   | \$1,778.00     |
| Grand Total: |                    |                  |                                                                                                 |        |          |                |                   |         |                  | \$5,723.55     |

## Order Notes

## Procurement Quality Clauses

A005 right of entry  
 A012 chemical and physical test report  
 A016 personnel qualification  
 A017 raw material identification (as applicable)  
 A026 certification of material conformance  
 A041 quality management system  
 A042 dart notification by supplier  
 A043 retention of quality documents  
  
 A048 counterfeit parts avoidance, detection, mitigation and disposition program  
 A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 12/21/17 1:55 PM dart.lavoie.chantal